



7700053

# THE UNIFIED SHAMES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

# Volorado State Experiment Station

TUltereas, There has been presented to the

## Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF SEVENTEEN YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT TY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SI

#### WHEAT

'Wings'

In Testimony Watercot, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington

this 11th day of August in the year of our Lord one thousand nine hundred and seventy-seven

X. Dyellin

commissioner Plant Variety Protection Office Grain Division

Agricultural Marketing Scroice

Secretary of Agriculture

152-15-74)

# UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE GRAIN DIVISION HYATTSVILLE, MARYLAND 20782

FORM APPED 10 CMB NO. 46-71172

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

MCTRUCTIONS: See Reverse.  1. VARIETY NAME OR TEMPORARY	2. KIND NAME	FOR OFFIC	MAL USE ORLY
DESIGNATION		PV NUMBER -	moone a
-60725052 Wings	Hard Red Winter Wheat		700053
3. GENUS AND SPECIES NAME	4- FAMILY NAME (Botanical)	3-/5-77	1:00
Triticum aestivum	Gramineae	FEE RÉCEIVED.	BALANCE DUE
	5. DATE OF DETERMINATION	§ <u>250.00</u>	3-15-77
	September 1, 1975	\$ 250.00	s 4-25-77
6. NAME OF APPLICANT(S)	7- ADDRESS (Street and No. or R.F.D. N	\$ <b>260.00</b> Vo., City, State, and ZIP	8. TELEPHONE AREA
	Colorado State Un		CODE AND NUMBER
Colorado State	Fort Collins, Col	<u>-</u>	(303)491- <del>5571</del>
Experiment Station	1010 00212110; 001	01000	(333) (32 33) 2
P. IF THE NAMED APPLICANT IS NOT A PE	RSON, FORM OF 10. STATE OF IN	CORPORATION	
ONSANIZATION: (Corporation, partnership,	association, etc.)		PORATION
Experiment Station	_		-
11. Name and mailing address of applic	ant representative(s), if any, to ser	ve in this application a	and receive all papers
Dr. J. R. Welsh			
Department of A			
Colorado State	•	·	
Fort Collins, C	olorado 80523		
TO CHECK BOX BELOW FOR EACH ATTACH	MENT SUBMITTED:	PARTALAN A	
(X) 15A. Exhibit A. Origin and Bree	ding History of the Variety (See Se	ction 52 of the Plant V	ariety Protection & st.
🗓 183. Exhibit B, Botanical Desc	ription of the Variety		
X 155. Exhibit C, Objective Desci	tiption of the Varioty		
<u>a</u>	Tiperon of the variety		
X 182. Exhibit D, Data Indicative	of Novelty		
	·		
🛣 132. Exhibit E, Statement of the	Basis of Applicant's Ownership		
16 Does the applicant(s) specify that	seed of this variety be sold by var	iety name only as a cla	ss of certified servil
(See Jection 83(a), (If "Yes," an.		X YES NO	
The Does the applicant(s) specify that		to 14B, how many gen	erations of production
limited as to number of generation		eeder seed?	. <del>6</del> 7
	XYES NO X FOUNDA		_
The applicant declares that a viable s	ample of basic seed of this variety	will be deposited upon	request before itali-
ance of a certificate and will be reple	nished periodically in accordance w	vith such regulations as	may be applicable.
The undersigned applicant(s) of this			
uniform, and stable as required in Se	ection 41 and is entitled to protection	on under the provisions	of Section 42 of the
Plant Variety Protection Act,	. •		
Applicant is informed that false repr	esentation herein can jeopardize pro	otection and result in p	enalties
	/ 1	$\rho_{\perp} / \rho_{\perp}$	1
) <del>-</del> 31 - 77	Jam	estabel	sh
(DATE)	7/10	(SIGNATURE OF APPLIC	ANT)
·	<i>1</i> /	n	0001
(DATE)	<u> </u>	ISIGNATURE OF APPLIC	

Genealogy -- C0725052, is a selection of the cross

II 21183/C0652363//Lancer/KS62136.

II 21183: Andes 64A/Sonora 64//Tacuari V-722-466-67 II 21183-7M-2Y-4M-1Y.

CO652363: Warrior 2/Kenya 58/Newthatch/2 (Cheyenne/Tenmark/ Mediterranean/Hope) 3/Parker.

KS62136: Norin 16/CI 12500//Kaw.

The breeding method used was a modified pedigree system. The original cross of II 21183/C0652363 was made on June 23, 1967. The second cross with Lancer/KS62136 was made on January 10, 1968. The  $F_1$  was increased in the greenhouse in 1968 and in 1969 the  $F_2$  space planted population was grown in the field at Fort Collins. Individual plant selection was propagated into the  $F_3$  in 1970. The  $F_3$  row selected was bulked but no head selections were taken. In 1971, seed from the  $F_3$  bulked row was entered in a  $F_4$  yield trial. Head selections were made in the  $F_4$ . In 1972, the  $F_5$  head row labeled CO725052 was cut in bulk and advanced to the  $F_{6}$  yield nursery in 1973. Approximately 250 heads were selected to propagate breeders seed in 1974. Also in 1974, CO725052 was entered in extensive yield testing in Colorado and in the Southern Regional Performance Nursery where it was tested for two years. Approximately 200 pounds of breeders seed were produced in 1976. Type and Frequency of Variance

To the best of our knowledge, under an isolated reproduction system, the cultivar has no genetic variants and is stable with respect to genetic change caused by mutations or heterozygosity.

#### EXHIBIT B

CO725052 produces seed which is small but has characteristically high test weight under a wide range of production conditions. The plant is dark green in the seedling stages and shows the effect of a dwarfing gene early in its growth stages when compared to standard height varieties. The mature plant is shorter in height compared with varieties such as Scout and Centurk although the height difference is reduced when grown under moisture stress. The flag leaf is erect and wide compared with the narrow drooping leaves of standard varieties. CO725052 retains its dark green color until the onset of maturity.

7700053

#### UNITED STATES DEPARTMENT OF AGRICULTURE

1.7 1 ..... LEAF MOTH (First leaf below Hog load)

1000-72

## AGRICULTURAL MARKETING SERVICE GRAD, DIVISION

HYATTSVILLE, MARYLAND 20752

#### OBJECTIVE DESCRIPTION OF VARIETY

WHEAT (TRITICUM SPP.) TO STATE OF SEA Reverse. FOR OFFICIAL USE ORLY PVPO NUMBER Colorado State Experiment Station Colorado State Experiment Station c/o Dr. J. R. Welsh Department of Agronomy Colorado State University, Fort Collins, CO 80523 herein a grophiate number that describes the varietal character of this variety in the boxes beloweven also in liest box (e-o) 0 6 9 or 0 9 ) when number is either 99 or less or 9 or less. 1\_3 = 400 mag N 2 = DURUM 3 = EMMER 4 = SPELT 5 = POLISH 6 = POULARD 7 ≈ cuua T. W. M.E. 1 = soft 3 = OTHER (Specify)2 2 = HARD 2 = WINTER 3 = OTHER (Specify) \_\_\_ 2 1 waite 2 = RED - 3 = OTHER (Specify)DELINITATION OF DAYS FROM EMERGENCE TO: 2 5 6 FIAST FLOWERING 5 NO. OF DAYS EARLIER THAN 1 = ARTHUR 2 = scour 3 = CHAIS 5 = NUGAINES 6 = LEEDS 4 = LEMHI 2 NO. OF DAYS LATER THAN ..... FL. AT BEICHT (From soil level to top of head): ±9 14 ¦ см. дібн CM. YALLER THAN ...... 2 = SCOUT 3 = CHRIS I = ARTHUR 4 = LEMHI 5 = NUGAINES 6 ≒ LEEDS 1 0 'CM. SHORTER THAN ..... LAST COLOS AT BOOTING (See reverse): 7. ANTHER COLOR: 2 - . . MELLOW GREEN 1 = YELLOW 2 = PURPLE 2 = GREEN 3 = OLUE GREEN 1 - inneggrain: 1 = ASSENT 2 = PRESENT Waxy bloom: 1 = ABSENT 2 = PRESENT . maa la er last 5 NO. OF NODES (Originating from node above ground) 1 .... the de of ments: 1 = ABSENT 2 = PRESENT Internodes: 1 = HOLLOW 2 = SOLID CM. INTERNODE LENGTH SETWEEN FLAG LEAF AND LEAF BELOW 1 | Varioryania: 1 = ABSENT Hairiness: | = ABSENT 2 = PRESENT I., Lakki Fire Play leaf at ) = ERECT 2 = RECURVED Flag leaf: 1 = NOT TWISTED 2 = TWISTED 1 \_ booting stage: 3 = OTHER (Specify):\_\_\_ Waxy bloom of flag leaf sheath: 1 = ABSENT  $\mathbf{1}_{\text{max}}$  , while of tirst leaf sheath:  $\mathbf{1} = \mathbf{ABSENT}$ 2 = PRESENT

9 CM. LEAF LENGTH (First loud below the; leady:

#### Scedling pigmentation MISTRUCTIONS

Loof size

Len galer

Loui carioss

Lindon

Lindon

Lindon

Seed size

Seed shape

Colcoptile elongation

Contental. The following publications may be used us a reference aid for the standardization of terms and procedures for complexing this force (a) Lober Griggle and L. P. Reitz, 1963, Classification of Triticum Species and Whent Varieties Grown in the United States, Technoric of lietta 1278, United States Department of Agriculture.

161 1 J. Walls, 1965, A Standardized Phonel Method for Tusting Wheat Souds for Varietal Purity, contribution No. 28 to the handle No. Section Contention

Lindon

Lindon

Lindon

Lindon

#### EXHIBIT D

CO725052 has been selected on performance data. It has an excellent yield level and outstanding test weight. Data are presented in Tables 1, 2 and 3 to support this evaluation. Lindon is the most similar variety. All morphological traits except the length of the acuminate beak are exactly the same as those for Lindon. The distinguishing characteristic is the length of the beak. In Lindon this length is 4.0 cm. In GO725052 the beak length is 8.0 cm.

#### EXHIBIT D

Table 1. Dryland Performance Data Comparing 60725052 with Lindon and Scout 66 for 1973-75 (18 location years).

	Yield (Bu/A)	T.W. (Lbs/bu)
Lindon	39.5	60.5
Scout 66	35.3	59.5
C0725052 Wings	39.4	60.2

Table 2. Performance Data Comparing CO725052 with Lindon and Scout 66 in the Southern Regional Performance Nursery for 1974-75 (44 location years).

	<u>Yield (Kg/Ha)</u>
Lindon	3204
Scout 66	2976
- <del>CO72505</del> 21/1) ings	3393

Table 3. Colorado Irrigated Performance and Agronomic Data, 1973-76 (8 location years).

	Yield (Bu/A)	Height (In)	Stem Rust (%)	Lodge1/
Lindon	72.0	44	40	3
Centurk	73.5	49	10	8
CO725052 Wing	√ 75.2	45	50	2
1/1 = erect,	9 = flat	· '	·	

### EXHIBIT E

The applicant is the true owner of this variety and is the employer of the breeder.

APPLICATION NO.

Dr. James R. Welsh
Department of Agronomy
Colorado State-University
Fort Collins, Colorado 80523

VARIETY NAME

Test Results Based on the American Association of Cereal Chemists Approved Method (AACC)

1. Straight dough development time ratio:
Farino graph
Dough-mixer

2.	Baking Ingredients	Arrival time minutes	Peak time	Stability minutes	Curve center height B.U.	Height at end B.U.
	Yeast					
	No rest		14	i de la companya de l		
	4 hr. rest				·	

3. Protein percentage 11.5

This is the wheat protein content reported by the USDA Grain Quality Laboratory, U.S. Grain Marketing Research Center, Manhattan, Kansas for the composite of the 1975 Colorado winter wheat variety test.

Chemical, Milling, and Baking Data for the Colorado Variety Test Composites of Hard Winter Wheat Varieties Harvested at Ten Locations in 1975.  $\underline{1/}$ Table 1.

																		٢	1	<b> </b> –	5	3				2	•
		olume	Cor-	rect-	ed To		11.0% P	840	905	607	890	836	913		832	988	875	873	927	924	863	904	857				
27		Loaf Volume		As	Rec'd	ე		893	( (	833	898	843	905		918	820	933	845	904	908	898	881	857				
	Data	•	,	Crump	Grain			Q-S	တ	S	Ś	S	v.	•	ស	တ	တ	တ	တ	w	တ	S	တ				
	Bread-baking Data-	$Time_{1}^{3}$			ed To	min.	12.0% P	29	4	9 14 14	ela ela	7	ر روند روند		74 0	540	31	48s	- c - c	7 <del>4</del> 0	42	(C)	4 <u>9</u>				
	Brea	Mixing Time 3/			Rec'd	min.		2 <sub>9</sub>	'n	6 to 10 to 1	<del>₹</del> 7	7	7.7		73	- E	က်ခ	Ω/α	ი ი	20 20 20	, <u>, , , , , , , , , , , , , , , , , , </u>	- <del>1</del>	Ś				
			Ab-	sorp-	tion	<b>&amp;</b> €		60.8	62.5	63.7	63.0	63.2	7 2 2		66.3	64.8	63.0	65.4	63.4	66.4	8,99	63.1	63.8				
		2	77.3	Pro-	tein	84		11.8	10.6	10.8	10.7	11.1	0		11.5	10.5	11.8	10.6	10.7	10.8	1. 7.	10.7	11.0				
			Flour 2/		Ash	%		.45	.43	.43	57	.43		,	.45	.43	.45	.40	.47	.42	77	777	.41				
				Flour	Yield	24		75.3	74.1	74.1	75.8	74.5		7.01	75.1	73.2	73.2 4/	73.3	74.5	71.4	73 1	75.1	73.5				
		t_2/		Pro-	tein	8		12.5	11.5	11.7	9 11	12.1	17:1	11.7	12.3	11.7	12.9	11.6	11.7	12,0	12.3	11,7	12.0				
		Wheat 2			Ash	6-6	:	1.67	1,53	1.56	73	15	1,0	1.3/	1.54	1.50	1.65	1,50	1.63	1.49	1 50	1.53	1.55				
			W.	Per	Bu.	lbs.		61.9	61.1	61.3	7 17	61.3	7.5	0.10	61.7	61.2	61.5	61.2	61.3	6.09	£0.3	61.0	61.0				:
			C. T.	or	Sel. No.	•		11952	13190	13546	105.47	13006	10000	13999	15068	15075	15324	15801	17262	17263	37025	17976	17277				
					Marry of to	Vallery		はそっちゃたの	Married	Scout	ļ	Lancer	Scout bo	Trapper	7.00 X	Conturk	Tam 101	F	Data 114 Dising	nt riains Buckskin	<del>.</del>	Sentinel	C10ua Sare	00	10:	10	

Table 1. (cont.), page 2

									Bre	Bread-baking Data 2/	g Data	2/	
		1	Wheat 2/	t 2/			ì		Mixing	fixing Time 3/			Loaf Volume
	C.I.	Wt.				Flot	Flour 2/	Ab-		Cor-			Cor-
	or	Per		Pro-	Flour		Pro-		As	rect-	Crumb	As	rect-
Variety	Sel. No.	Bu.	Ash	tein	Yleld	Ash	tein	tion	Rec'd	ed To	Grain	Rec'd	ed To
		lbs.	<b>₽</b> €	%	%	%	8	%	nin.	min.		cc.	cc.
										12.0% P			11.0% P
Trison	17278	62.0	1.56	12.7	75.1	.43	12.1	65.1	-		တ	943	865
FW7173	17350	62.0	1,65	12.4	72.8	.42	11.2	66.5	e Po	9	လ	895	880
Lancota	17389	61.7	1.49	12.1	74.2	04.	11.3	64.7	44	14	တ	076	917
**	•								•				
Vona		61.9	1.49	10.8	74.2 4/	.40	တ တ	63.8	r. ωβο	4	ഗ	33 33	928 5/
C0725052 Wangs		62.3	1.51	11.5	74.6 41	38	10.3	62.9	Ŋ	7	တ	888	
Lindon		62.7	1.59	11.9	$73.2 \frac{4}{4}$	.37	11.0	66.2	간	¢ <del>2</del> 9	တ	910	910 5/
C0725061		62.5	1.49	10.5	72.7 4/	.35	9.2	63.7	η NP	3	ß	803	937 51
C0725082		62.5	1.54	10.9	73.4 4/	• 38	9.6	64.4	નો <b>ક</b> છ	5 40	တ	800	
								-					

1/ Chemical data expressed on a 14% moisture basis.

00011

factory rating is inferred in the absence of a designated one. One unsatisfactory rating, in general, characterizes a variety as undesirable for hard wheat milling and breadmaking purposes. Crumb colors were satisfactory for all entries 2/ S, Q, and U - Satisfactory, questionable, and unsatisfactory quality with respect to property in question. A satis-

3/ Mixing time used in baking is evaluated in conjunction with other mixing properties obtained from the 10-g. mixogram.

4/ Softer than average hard wheat milling properties but entirely satisfactory.

5/ Promising overall quality characteristics.

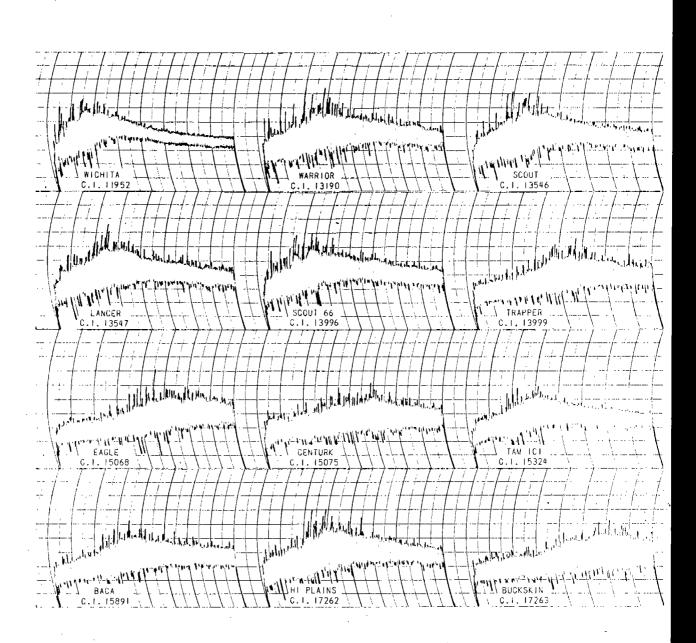


Fig. 1. Mixograms (10-g.) for the Colorado variety test composites of hard winter wheat varieties harvested at ten locations in 1975.

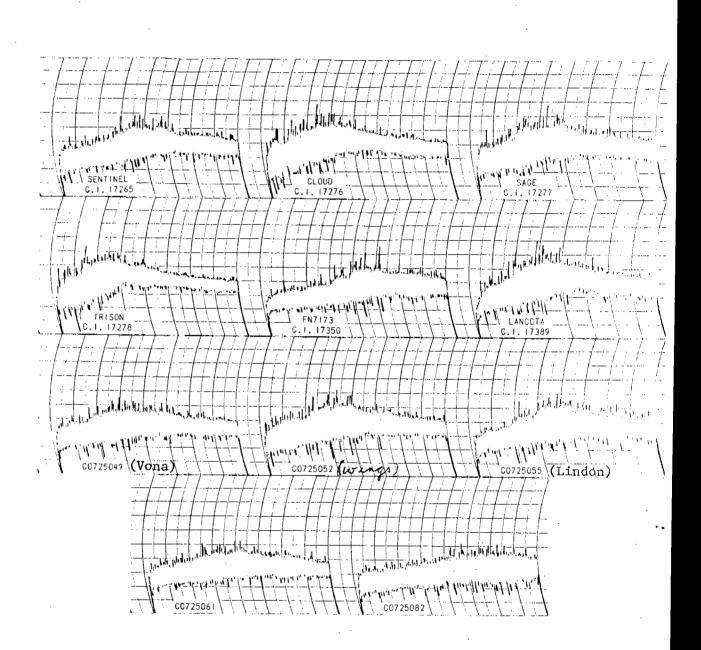


Fig. 2. Mixograms (10-g.) for the Colorado variety test composites of hard winter wheat varieties harvested at ten locations in 1975.



College of Agricultural Sciences Office of the Dean 303/491-6274

March 10, 1978

Colorado State University Fort Collins, Colorado 80523

Mr. Kenneth H. Evans Examiner, Plant Variety Protection Office USDA - Agricultural Marketing Service National Agricultural Library Building Beltsville, Maryland 20705

Dear Mr. Evans:

An error was inadvertently made in previous correspondence of March 1, 1978 regarding the hard red winter wheat variety "Wings" (certificate No. 7700053).

The correct statement is that title and ownership of "Wings" has been transferred along with exclusive marketing rights to North American Plant Breeders, P. O. Box 2955, 5201 Johnston Drive, Mission Kansas. Colorado State University was the sole owner and developer of this variety. This statement replaces that of previous correspondence.

Thank you for your assistance.

Donal D. Johnson

Dean of Agricultural Sciences

br

cc Giles E. Dixon

State of Colorado ) County of Larimer ) s.s.

Witness my hand and official seal at Fort Collins, Colorado, this 10th day of March, 1978.

Notary Public

#### BILL OF SALE AND ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS that AGRIPRO BIOSCIENCES INC., a Delaware corporation (hereinafter referred to as "Seller"), pursuant to that certain Asset Purchase Agreement of even date herewith by and between Seller and AGR ACQUISITION CORPORATION, a Delaware corporation (hereinafter referred to as "Buyer") and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby grant, bargain, sell, assign, convey and deliver unto Buyer, all of Seller's right, title and interest in and to the plant varieties owned/registered by Seller and more particularly set forth on Exhibit A attached hereto for which PVP Certificates have been issued by or may be pending before the U. S. Department of Agriculture.

TO HAVE AND TO HOLD UNTO PURCHASER, its successors and assigns forever.

IN WITNESS WHEREOF, Seller has executed this Bill of Sale and Assignment as of the 30th day of June, 1994.

AGRIPRO BIOSCIENCES INC.

ву: _ <i>U</i>	U.a. Zama	
Title:	Pros. dent	

STATE OF KANSAS, COUNTY OF JOHNSON

Before me, the undersigned, a Notary Public of the State and
County aforesaid, personally appeared
with whom I am personally acquainted (or proved to me on the basis
of satisfactory evidence) and who, upon oath, acknowledged himself
to be the <b>DRESIDENT</b> of Agripro Biosciences Inc., the
within named bargainor, a corporation, and that he as such
PRESIDENT, being authorized so to do, executed the
foregoing instrument for the purposes therein contained by signing
the name of the corporation by himself as fresinent.

WITNESS my hand and Notarial Seal at office the day and year above written.

Notary Public

My\_Commission Expires:

ALMA M. WEAVER
NOTARY PUBLIC
STATE OF KANSAS
MY Apol. Exp.

LAW OFFICES

LUCIUS E. BURCH. JR JOEL PORTER CHARLES F. NEWMAN
C. THOMAS CATES
JOE M. DUNCAN
JOHN A. STEMMLER
J. BROOKE LATHRAM
JEF FEIBELMAN R. MICHAEL POTTER JOHN W. CHANDLER, JR JOHN W. CHANDLER, J DAVID J. HARRIS WARNER B. RODON DAVID H. LILLLARD, JR HÖLLE K. LILLLARD SAM L. CRAIN, JR. HATMAN A. BICKS

STEPHEN D. CRAWLEY

LISAA. KRUPICKA LECANNÉ MARSHALL COX RICHARD R. SPORE, III

BETH WEEMS BRADLEY

MÉLISEA A MARAVION

MELISEA A. MARAVICH RICRY E. WILKINS TODD A. ROSE REVA M. RRIEGEL SUSAN CLARR TAYLOR DOUGLAS F. HALIJAN JOHN W. CAMPBELL R. PORYER FEILD

RATHRYN E. STORY

LES JONES

Burch, Porter & Johnson

130 NORTH COURT AVENUE

Memphis, Tennessee 38103

TELEPHONE 901-523-2311 TELECOPIER SOI-323-7/40

July 25, 1994

CHAS N. BURCH IBGB-1938 N. D. MINOR IBGB-1947 CLINTON N. MCKAY (BBB-1943) JUSSEE, JOHNSON, JR. 1913-1940 JOHN S. MORTER 1909-1949

MORGAN KEEGAN OFFICE 30 NORTH FRONT STREET SUITE 650 MEMPHIS, TENNESSEE 36103

Ms. Ann Zempolich Plant Variety Protection Office U. S. Department of Agriculture 500 NAL Building 10301 Baltimore Boulevard Beltsville, MD 20705

Agripro Biosciences Inc. Sale of PVPs to AGR Acquisition Corporation (which has changed its name to Agripro Seeds,

Dear Ms. Zempolich:

I am enclosing herewith the Bill of Sale and Assignment wherein Agripro Biosciences Inc. has sold and assigned all of its right, title and interest in and to the PVPs listed on the attachment to the Bill of Sale to AGR Acquisition Corporation and hereby request that your records be changed to show the new owner as Agripro Seeds, Inc., the new name of AGR Acquisition Corporation. It is our understanding that the attachment was generated by someone in your office and forwarded to Agripro Biosciences Inc. at its request, and was subsequently forwarded to our office as attorneys for the purchaser in connection with the sale transaction.

As I indicated to you in our several previous telephone conversations, AGR Acquisition Corporation changed its corporate name to Agripro Seeds, Inc. the same date as the closing of the sale. I am enclosing herewith a copy of the Certificate of Amendment filed by the Delaware Secretary of State wherein the corporate name is changed.

If I counted correctly, there are 149 PVP certificates listed on the attachment to the Bill of Sale and Assignment. I am enclosing a check in the amount of \$3,725.00 payable to United States Treasury in payment of the \$25.00 per certificate fee to change the owner's name on your records.

THIS DOCUMENT HAS A COLORED BACKGROUND — NOT A WHITE BACKGROUND THIS DOCUMENT HAS A COLORED BACKGROUND



HELENA CHEMICAL COMPANY Suite 3200 — Clark Tower 5100 Poplar Avenue Memphis, Tennessee 38137

DATE

CHECK NUMBER

22406

7-8-94

PROTECTION AMOUNT

<u>EXACTIVA</u>72522CC

PAY THIS AMOUNT \$3,725.00

「United States Treasury

PAY TO THE ORDER OF

HELENA CHEMICAL COMPANY

AUTHORIZED SIGNATURES

(77-53) 78-100

See Applicary ( leasing strike)

See All I respect ( leasing strike)

Sufficient Str. MAX. Seet

Shipping Co. May ( leasing strike)

2.2 SEP 1989,

 A SELANDINE

destrike Strent:

AND THE RESERVE OF THE PROPERTY OF THE PROPERT

Mincerely.

Stapmen J. Burst Sant Marketing Special in Second Seguindory and losting Lemanth Bifastock and Second Lyisian

bcc: S. Bangert (KS) VK. Evans (PVPO) Agripro Biosciences, Thou 6700 Antioch, P.O. Box 2955 Shawnee Mission, Kansas 6620111355



August 23, 1989

Mr. Don Diehl

Burr Oak, Ks 66936

Dear Mr. Diehl:

It has been drawn to our attention that you have been advertising Wings wheat for sale in the Aug 17th edition of The Valley Shopper.

Wings wheat is a variety protected under the Plant Variety Protection Act. Wings can be sold only by variety name as a class of certified seed. Agripro Biosciences Inc. is the owner of the patent for AgriPro Brand Wings.

Your advertisement and assumed sales of AgriPro Brand Wings is in violation of ABI's patent rights, the Federal Seed Act and state seed laws. ABI demands that you immediately cease and desist from advertising or selling uncertified Wings. You must inform this office in writing that the illegal offer to sell has been terminated. If you do not accede to this demand, we shall promptly initiate litigation in the appropriate federal court requesting a restraining order, permanent injunction and civil damages.

If compliance is not assured within seven (7) days of the date of this correspondence, we shall proceed without further notice to you.

Sincerely,

Keith Flyan

Intellectual Property Protection Manager

KF/ml

cc: Kansas State Board of Agriculture Kansas Crop Improvement Assoc.

USDA - PVP Office & USDA - Seed Branch

Bruce Rydeen Jack Porter Verle Wathen

6700 Antioch, P.O. Box 2955

Shawnee Mission, KS 66201-1355

Phone (913) 384-4940

Telex 4941051 Fax (913) 384-0208

## BILL OF SALE AND ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS that AGRIPRO BIOSCIENCES INC., a Delaware corporation (hereinafter referred to as "Seller"), pursuant to that certain Asset Purchase Agreement of even date herewith by and between Seller and AGR ACQUISITION CORPORATION, a Delaware corporation (hereinafter referred to as "Buyer") and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, does hereby grant, bargain, sell, assign, convey and deliver unto Buyer, all of Seller's right, title and interest in and to the plant varieties owned/registered by Seller and more particularly set forth on Exhibit A attached hereto for which PVP Certificates have been issued by or may be pending before the U. S. Department of Agriculture.

TO HAVE AND TO HOLD UNTO PURCHASER, its successors and assigns forever.

IN WITNESS WHEREOF, Seller has executed this Bill of Sale and Assignment as of the 30th day of June, 1994.

AGRIPRO BIOSCIENCES INC.

BY:	U.a. Zama	
Title:	Pros. dent	

STATE OF KANSAS, COUNTY OF JOHNSON

Before me, the undersigned, a Notary Public of the State and County aforesaid, personally appeared WA LAMA with whom I am personally acquainted (or proved to me on the basis of satisfactory, evidence) and who, upon oath, acknowledged himself WRESIDENT of Agripro Biosciences Inc., the within named bargainor, a corporation, and that he as such PRESIDENT, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by himself as PRESIDENT

WITNESS my hand and Notarial Seal at office the day and year above written.

My\_Commission Expires:

ALMA M. WEAVER

NOTARY PUBLIC

# State of Delaware

# Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "AGR ACQUISITION CORPORATION", CHANGING ITS NAME FROM "AGR ACQUISITION CORPORATION" TO "AGRIPRO SEEDS, INC.", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF JUNE, A.D. 1994, AT 4:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.

SECRETARY OF STATE AUTHENTICATION:

2394087 8100

<sup>DN:</sup> 7169071

DATE:

ABI SHAWNEE MSN

**☑** 002/002

# CERTIFICATE OF AMENDMENT OF CERTIFICATE OF INCORPORATION OF AGE ACQUISITION CORPORATION

AGR Acquisition Corporation, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: that the Board of Directors of said corporation, by the unanimous written consent of its members filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of said corporation:

RESOLVED, that the Certificate of Incorporation of this corporation be amended by changing the Article thereof numbered "ARTICLE I" so that, as amended, said Article shall be and read as follows:

#### "ARTICLE I

#### Namo

The name of the corporation (hereinafter called the 'Corporation') is Agripro Seeds, Inc."

SECOND: That in lieu of a meeting and vote of stockholders, the sole shareholder of the corporation has given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

FOURTH: That the capital of said corporation shall not be reduced under or by reason of said amendment.

IN WITNESS WHEREOF, said AGR Acquisition Corporation has caused this certificate to be signed by Gary T. Hancock, its President, and attested by Ann Steelman, its Secretary, this 30 day of June, 1994.

AGR ACQUISITION CORPORATION

x: Saw J

Bary T./ Hangock, President

ATTEST:

Ann Steelman, Secretary